

Page 8, line 23, after "rich" insert --mixture--.

Page 9, line 11, after "lean" insert --mixture--.

Page 10, line 1, change "Patent Claims" to read --WE CLAIM:--.

5 Page 12, line 1, change "Abstract" to read --ABSTRACT OF THE DISCLOSURE--;

line 2, please delete this line;

line 10, before "catalytic" insert --the--; and

line 11, delete "Figure 2".

**IN THE CLAIMS:**

10 Claim 1, line 4, change "characterized in that" to read --the improvement comprising--; and

line 5, before "catalytic" insert --the--.

Claim 2, line 1, change "the preceding claims" to read --claim 1,--.

Claim 3, line 1, change "the preceding claims" to read --claim 1--.

15 Please amend claim 4 to read as follows:

4. (Amended) Gas sensor according to [one of the preceding claims] claim 1, wherein a platinum metal is employed as the catalytically active material, [this being] which is produced[, in particular,] by thermolysis of a platinum-containing compound introduced in fluid form into the pores.

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Claim 5, line 1, ~~change~~ "one of the preceding claims" to read --claim 1--.

Please amend claim 6 to read as follows:

5 ~~6.~~ (Amended) Gas sensor according to [one of the preceding claims] claim 1, wherein the sensor region is manufactured as a semiconductor thick-film[, particularly by silk-screening upon] with pore formation by silk-screening.

Claim 7, line 1, ~~change~~ "one of the preceding claims" to read --claim 1--.

Claim 8, lines 1 and 2, ~~change~~ "one of the preceding claims with" to read --claim 1, which includes--.

Please cancel ~~claim 9~~, without prejudice, and substitute the following claim:

10 ~~13.~~ A method for the employment of a gas sensor having two resistivity  
sensor regions for at least one reactive exhaust gas constituent and having a catalytic  
agent for converting the reactive exhaust gas constituent with higher catalytic activity  
at the one sensor region at a lambda probe, said method comprising the steps of  
evaluating the sensor signals of both sensor regions with changing exhaust gas  
15 mixtures in parallel so that the overall signal change of the parallel evaluation signal  
is dominated by changes of the first sensor signal in a first exhaust gas mixture  
arranged and is dominated by a change in the second sensor signal and a second  
exhaust mixture range.

20 Please cancel ~~claims 10 and 11~~, without prejudice, and substitute the  
following claims: